

WHAT IS CLAIMED IS:

1. A portable communication device comprising:

a first housing;

a second housing rotated such that the angle between one surface of the second
5 housing and a corresponding surface of the first housing varies or such that the angle
between a longitudinal axis of the second housing and that of the first housing varies;

a cylindrical stationary housing formed integrally to the first housing; and

a cylindrical rotary housing rotatably attached to the cylindrical stationary housing,
wherein the second housing is rotatably connected to the first housing via the cylindrical
10 rotary housing wherein the second housing can be rotated about two axes.

2. The device as set forth in claim 1, wherein the cylindrical stationary housing and
the cylindrical rotary housing are disposed at the central position of one end of the first
housing.

3. A portable communication device comprising:

15 a first housing extending in the longitudinal direction;

a second housing rotated about a first hinge axis perpendicular to the longitudinal
direction of the first housing such that the angle between the bottom surface of the second
housing and the corresponding top surface of the first housing varies; and

a cylindrical hinge housing disposed at one end of the first housing while a portion
20 of the cylindrical hinge housing protrudes outward from the first housing, the first hinge
axis extending in the diametrical direction of the cylindrical hinge housing wherein the
second housing is attached to the cylindrical hinge housing while the second housing is
rotated about the first hinge axis,

the cylindrical hinge housing having a second hinge axis extending in the axial
25 direction of the cylindrical hinge housing wherein the second housing can be rotated about
the second hinge axis, the second hinge axis being perpendicular to the first hinge axis.

4. The device as set forth in claim 3, wherein the second housing has substantially a semicircular opening, the cylindrical hinge housing being partially disposed in the semicircular opening.

5 5 The device as set forth in claim 3, wherein the cylindrical hinge housing comprises:
a cylindrical stationary housing; and
a cylindrical rotary housing rotatably attached to the cylindrical stationary housing.

10 6. The device as set forth in claim 5, wherein the cylindrical stationary housing is attached to the first housing, and the cylindrical rotary housing is rotated substantially in the same direction as that of the second housing.

7. The device as set forth in claim 3, wherein the cylindrical rotary housing has a protrusion for restricting the rotation of the second housing.

15 8. The device as set forth in claim 7, wherein the protrusion is formed at the outer circumferential surface of the cylindrical rotary housing.

20 9. The device as set forth in claim 3, wherein the first housing has a plurality of keys and a microphone unit arranged on the top surface of the first housing, and the second housing has a speaker unit and a main display unit arranged on the bottom surface of the second housing.

10. The device as set forth in claim 3, wherein the second housing has an auxiliary display unit arranged at a prescribed location on the top surface of the second housing.

11. The device as set forth in claim 3, wherein the first housing has a camera lens arranged on one of the side surfaces of the first housing.

12. The device as set forth in claim 3, wherein the cylindrical hinge housing has a camera lens arranged on the top surface of the cylindrical hinge housing.

13. The device as set forth in claim 3, wherein the cylindrical hinge housing has a camera lens arranged on the bottom surface of the cylindrical hinge housing.

5 14. The device as set forth in claim 3, wherein the cylindrical hinge housing has a rotary key arranged on the top surface of the cylindrical hinge housing, wherein the rotary key being rotated about the second hinge axis.

15 15. The device as set forth in claim 3, wherein the cylindrical hinge housing has a camera lens arranged at the center of the top surface of the cylindrical hinge housing and
10 at least one key disposed around the camera lens.

16. The device as set forth in claim 3, wherein the cylindrical hinge housing has at least one key arranged on the top surface of the cylindrical hinge housing.

17. The device as set forth in claim 3, wherein the cylindrical hinge housing has a security unit arranged on the top surface of the cylindrical hinge housing.

15 18. The device as set forth in claim 17, wherein the security unit comprises a fingerprint-identifying device.

19. The device as set forth in claim 3, wherein the cylindrical hinge housing has an auxiliary display unit arranged on the top surface of the cylindrical hinge housing, wherein the auxiliary display unit being a digital or analog watch.

20 20. The device as set forth in claim 3, wherein the first housing has a slot formed at one of the side surfaces of the first housing for allowing the insertion of a memory card therethrough.

21. The device as set forth in claim 3, wherein the first housing has a lighting unit arranged at a prescribed position of the bottom surface of the first housing, wherein the lighting unit comprises a light emitting diode (LED).